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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of : Attorney Docket No.:  
Aws Nashef *et al.* : 8830-27 (165089)  
Serial No.: 10/069,649 : Group Art Unit:  
Filed: September 13, 2002 : 3544  
For: Heat Transfer Devices : Examiner:  
Gibson, Roy Dean

**RESPONSE TO FIRST OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

This is in response to the office action of April 6, 2004. This response is being filed within the third month following the three-month shortened statutory period set by the office action. A petition and fee for an extension of time are being filed concurrently with this response.

Please charge any additional fee relevant to this response, or credit any overpayment made, to Deposit Account No. 50-0573.

**Amendments** to the claims are reflected in the listing of claims, which begins on page 2 of this document.

**Remarks/Arguments** begin on page 4 of this document.

**CERTIFICATE OF MAILING  
UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BY

DATE:

*Laura M. Murphy*  
*October 5, 2004*